

REMARKS

The Examiner rejected a number of claims 1 - 33 under 35 U.S.C. 103(a) as being unpatentable over by U.S. Patent 6,392,712 issued to Gryskiewicz that describes a system for synchronizing interlaced and progressive video signals in view of U.S. Patent 6,915,528 issued to McKenna that describes a system and method for managing television programs within an entertainment system.

As discussed in the previous response, the primary reference (the '712 patent) only provides for the synchronization of incoming interlaced and progressive scan video signals to produce a single, interlaced video signal useful for display on an analog interlaced video display only. At no point does the '712 patent teach or even remotely suggest that the output interlaced video signal has been adjusted for the specific analog display based upon any display device characteristics (such as EDID). On the contrary, the only factors taken into consideration are parameters (such as whether or not the incoming video signals are progressive or interlaced, or the incoming speed) related only to the incoming video stream and not to any display characteristics.

In contrast, the invention as recited in claim 1 specifically recites language whereby the converted video display format is based upon a specific set of display characteristics. More specifically,

A configurable real time video processor arranged to provide a single synchronized display video stream having a single display video format to a display unit having an associated set of display attributes from a number of video streams of different video formats, comprising:

a number of ports each of which is configured to receive one of the video streams wherein at least one of the ports is a network interface that provides a bi-directional link between network applications and data provided by a network and the real time video processor; and

a number of adaptive image converter units each coupled to an associated one of the ports for converting the corresponding video stream to a converted video stream having the single display video format that is based upon the set of display attributes.

Since none of the cited secondary references taken in any combination with the '712 reference cure this deficiency of the '712 reference, the Applicants believe that claim 1 is not rendered obvious and is therefore allowable and request that the Examiner withdraw the rejection thereof.

All of the remaining independent claims recite essentially the same limitations, as does claim 1 and are therefore also believed to be allowable for at least the reasons stated for claim 1 above.

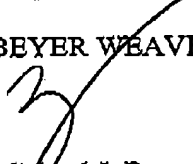
All dependent claims depend either directly or indirectly from independent claims 1, 12 and 23 and are also believed to be allowable.

CONCLUSION

The Applicants believe that claims 1 – 33 are allowable in view of the remarks above. Should the Examiner believe that a further telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,

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